

**IN THE UNITED STATES ELECTED OFFICE (EO/US)**

International Application No. : PCT/US03/32741

International Filing Date : 06 November 2003

Priority Date Claimed : 06 November 2002

Title: Integrated Simulation Fabrication and Characterization of Micro and Nano Optical Elements

Applicant: Nanoptics, Ltd., et al

**PRELIMINARY AMENDMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Before calculating the filing fee, please amend the subject application by cancelling original claims 1-189, and cancelling the substitute claims 1-78 submitted under Article 19, and adding new claims 79-111, as follows.

In addition, please add the attached "Abstract".